

LIGHT AS THE DAY

Marvels of Electric Lighting to Be Seen This Year.

UNIQUE DESIGN IN CLEVELAND

The Edison Float a Dream of Light—St. Louis and Its Hall of Fame—Magnificent Effects in Chicago.

Ye little stars! hide your diminished rays. When Madison Square Garden, ablaze with electric lights, looked resplendent in the most dazzling and brilliant of unique designs, there were those who believed that a climax had been reached in the ornamental ends of incandescent lighting.

The displays at the Actors' Fund fair certainly surpassed those of the Lenox 1,000, but it remains for the marvelous outdoor effects of the Columbian celebration in New York, St. Louis and Chicago to make memorable the year and the century's greatest achievement. It is to New York the nation will look for an electric climax, and it will certainly not be disappointed, for the splendor of the Edison float will be without a parallel. I have caught a glimpse of it, a glimpse of a thing so rare, so rich, so fanciful that it seemed almost like a dream, like the imaginings of a god run riot.

Capt. Alfred Thompson, the designer, calls it "The Genius of Edison Controlling the Hydra of Electricity." It was drawn with no definite end in view, almost a year ago, and when it was first suggested that the design could be effectually "brought out," even the experts in the Edison company smiled and said: "Impossible!" Then a few slight modifications were made and the project began to take shape. It was Capt. Thompson's idea to have motor attachments so arranged that the great dragons would appear to be drawing the heavy float. But the granite pavement of New York put that part of the idea out of the question, and so the usual gayly caparisoned horses will do the "motor" act. As it will weigh seven or eight tons the horses will number sixteen, each with its electric torch bearer.

But a test had to be made, and so a float was constructed on the general plan of the Thompson design, the lights



ELECTRIC LIGHT DESIGNS IN ST. LOUIS.

were attached and about a dozen people saw the first illumination in a dingy storage room downtown. And it was a success. So the work went merrily on. Then it was found that there was no wagon strong and large enough in New York city to carry the float, and some one suggested getting "Big Tom," of Paterson, the only available truck in the vicinity. This also was an easy matter, and nothing now stands in the way of fair-lane Genius and her conquered dragons.

Four thousand globes will light the great design, every line of every form on the float being brought out purely by colored globe light effects. Forked lightning will play startlingly along the course of the great dragons. These are four in number, all held in check by a winged Minerva-like figure. The Genius holds a wand of light in her hand and rests on a cloud, under which two little figures hold the picture of Edison. Back of this rests a massive sphere filled with myriads of incandescent globes and resting on a group of mythical figures. Beneath the circle the geniuses of Commerce, Agriculture, Art, etc., back of this, and at the end of the float, fair-figured Pegasus trumpet the great news to the world, while a circle of great electric lighted phonograph tubes are ready to herald the work that is put to music. The electric globes alone through every part of the wheel and great bands of light will hang from all its sides.

But even the white and the colored globes who made glorious the pageant of El Dorado will be electrified for the occasion. They will wear armor, underneath which and out from which globes shall shine the sides of all the floats. In every case these necessary human adjuncts will be attached by wire to the floats.

But the street illumination and the five arch designs will all be resplendent with electric lights and the work everywhere is progressing slowly. The work is, however, the first in the field with its immense and St. Louis is now now wondering if it is possible to do still better. "The great place" in St. Louis includes a representation of the great Santa Maria stretched across two great pediments on which the words "America" and "Spain" are set out in bold letters. The masts of the ship and the complete mechanism are made by means of lights, while incandescent electric globes bring out the words "Santa Maria" in cursive. Then there

is a fine painting of Columbus, illuminated by electric lights in unique effects. Perhaps the most impressive sight is the great globe, weighing 10,000 pounds, and with a diameter of twenty-five feet, suspended between the great buildings at the corner of Broadway and Olive streets. Two sets of electric motors revolve the globe on its axis and control switches giving varied effects in turning lights on and off. The globe is a representation of the earth, the continents



ELECTRIC EFFECTS FOR THE NEW YORK COLUMBIAN FESTIVITIES.

and islands being shown by banks of incandescent lamps, and the water by a dark background. Three thousand incandescent lights are used to produce the effects.

One of the unique effects to be produced during the New York festivities in October will be that at Madison square, and which during the summer has been utilized for advertising purposes. I am told it will be changed to contain a number of interesting facts connected with the celebration. But its arrangement is worth more than a passing notice. The great sign consists of letters of galvanized iron, on the face of which are apertures which give place for the lamps. Seven circuits are used, and in the first line there are 302 frosted white lamps. The letters are six feet high. In the second line 225 red lamps are used on letters three feet high. In all 1,457 lamps are used, and the switching, producing such magnificent effects, is in control of an operator in an adjacent building.

Incidentally it might be interesting to refer to one of the marvels of effective electric lighting produced this fall in Cleveland. From the skylight of the Arcade building six Brush lamps, each of 2,000 candle power, are suspended. Along a railing in front of the first gallery are finely wrought iron standards supporting large colored glass shades inside of which are the small bulbs of incandescent lamps. Over the top gallery these lamps are suspended from the mouths of lions and tigers, whose bronze heads are placed at the ends of the iron girders supporting the skylight, and rows of lamps follow the iron arches, above the arch lamps, presenting the appearance of stars afar off.

At the world's fair the preparations for wonderful effects in electric lighting are well under way, and the building set apart for electric displays will be resplendent in design and colorings. The work of lighting the Administration building has finally been approved. On the ground floor eight standards will be set up, each about eighteen feet high and carrying fifty incandescent lamps. In each of the four entrances to the building will be two clusters of twenty-five lights. Within, at the level of the mezzanine floor, about eighty-five feet from the ground floor, is the rotunda gallery. In each alternate post of this gallery there will be a seven light standard. On the cornice, about one hundred and thirty feet from the floor and just at the base of the dome a circle of about fourteen hundred lights has been placed, arranged in rosettes. Just above the false dome, in the space between it and the dome proper, a dozen arc lamps have been located. Their position is such that they illuminate the interior of the dome proper from behind the false dome in such a manner as to best reveal the beauty of its decoration. The light is shed through the opening in the false dome by reflection, the lamps being out of sight. The effect is one of diffusion rather than of the usual painful brilliancy. All told, thirty-seven hundred lights will be used in the building.

Working Their Passage. A recent visitor to London says that in that city long tandem tricycles capable of seating eight or more passengers have been introduced, and one is now being used as a rival to the tram or street car. The owner of the vehicle occupies the front seat, collects the fares, and steers, but the passengers have to provide the motive power, and if they don't move their feet freely very poor time is made on the journey. Such a means of locomotion would not prove a success here, but it is said that in London the seats are booked and paid for a week in advance.

ONE MASS OF SCALES

Afflicted 3 Years by Dreadful Skin and Blood Disease, with Intense Pain and Loss of Hair.

All Other Remedies Fail. Relieved Instantly and Cured in Four Weeks by the Cuticura Remedies.

I have a few words to say regarding the CUTICURA REMEDIES. They have cured me in four weeks' time from a skin and blood disease which I have had for over three years. At certain times my skin would be very sore, and always kept me from doing my work, and my hair would fall out in great quantities. I could not get any relief from any of the remedies I used. When in the cold the pain was intense, it would come from the inside of my body, and my blood was in a poor condition, with a loss of hair. I have tried every known remedy that was recommended to me, but it was of no use, and gave me very little benefit. So, hearing of your CUTICURA REMEDIES, I concluded to give them a trial. The first application gave almost instant relief. In a few weeks' time I found myself cured, and I am thankful for what they have done for me. I can now do my work, and am a healthy man. I can recommend them to anyone who has a skin or blood disease. I have been cured of my disease, and I can recommend them to anyone who has a skin or blood disease. I have been cured of my disease, and I can recommend them to anyone who has a skin or blood disease.

Cuticura Remedies Effect daily use, great relief of skin and blood disease, with intense pain and loss of hair. I have been cured of my disease, and I can recommend them to anyone who has a skin or blood disease.

PIM PIM is a skin and blood purifier, and is a great relief of skin and blood disease, with intense pain and loss of hair. I have been cured of my disease, and I can recommend them to anyone who has a skin or blood disease. I have been cured of my disease, and I can recommend them to anyone who has a skin or blood disease.

DON'T REMAIN STOUT

YOU SEE YOUR STOUT FRIENDS GROWING THINNER EVERY DAY.

They Are Using Dr. Edison's Obesity Pills and Bands.

NO DIETING—NO PURGING

It has been abundantly proved that the use of his non-electric bands, or his obesity pills, or both, for which the agents of this country are the well-known firm of Loring & Co., 26 East Washington street, Chicago, opposite Marshall Field & Co.'s store, is the one safe and effective way of reducing corpulence. The Obesity Pills are made from the waters of the German Imperial Springs, government ownership. The bands are made of pure rubber, and make a rapid and healthy cure. Or, if used together, they help each other in action and obtain better results.

CURED HIS RHEUMATISM AND OBESITY—An American Hotel, Chicago, April 21, 1892.—I am a stout man, and I have been suffering from rheumatism and obesity for many years. I have tried many remedies, but none have done me any good. I have been cured of my disease, and I can recommend them to anyone who has a skin or blood disease.

HOW TO GET THE PROPER MEASUREMENT

Measurement for hand is the largest part of the abdomen. The numbers 1, 2, 3 on the hand in the case where measurement should be taken. The bands cost \$2.50 for any length up to 36 inches, but for one larger than 36 inches add 10 cents extra for each additional inch. Thus a 40 inch band costs \$3.50, and the pills may be bought for \$1.50 a bottle, or three bottles for \$4.50, enough for one treatment.

You can buy the pills and bands direct from our stores or by mail on express.

LORING & CO.

STORES—26 East Washington St., Chicago, Ill. 10 Hamilton Place, Boston, Mass. 42 West 22nd St., New York City. 281 Westminster St., Providence, R. I.

CHICAGO DENTAL ASSOCIATION

74 Monroe Street.



Scientific Dentistry

AT MODERATE PRICES.

Extracting with forceps, 25c. Filling with rubber, 50c. Filling with silver, 75c. Filling with gold, 1.00. Filling with platinum, 1.50. Pulling out teeth, 40c. Root sets, 1.00.

COLUMBIA

College of Commerce,

GRAND RAPIDS, MICH.

COMPLETE COMMERCIAL, SHORT-HAND, ENGLISH TRAINING COURSES!

Night School—Mondays, Wednesdays and Fridays.

For particulars call at college office in McMillen block, South Division street, or address the proprietors.

HEAD & DILLINGHAM.

REPUBLICAN DISTRICT CONVENTION.

The republicans of the second representative district of Kent county will meet in convention at the Adams Hotel, Monday, October 25, 1892, at 1 o'clock, for the purpose of nominating a candidate to represent said district in the legislature and to transact such other business as may properly come before it.

By order of the committee. SWANSON KATZ, Chairman.

NOT HIGH PRICED BUT HIGH GRADE!

Our Men's Suits, following our well-known policy, combine the best quality with the lowest price. They're made by the leading wholesale tailors of this country, are equal in style, fit and finish to the products of the best merchant tailors and sell for about half as much money.

SINGLE BREASTED SACKS, STRAIGHT CUT SACKS, DOUBLE BREASTED SACKS, THREE BUTTON CUTAWAYS,

MADE FROM

Cassimeres, Worsteds, Tweeds, Cheviots, Undressed Worsteds.

Elegantly gotten up—perfect fitting—they keep their shape and delight you with their durability.

We sell 'em for \$10, \$12, \$14, \$15 up to \$22. Others ask two to five dollars more for same qualities.

Don't shiver to death these cool evenings—be comfortable in one of our stylish Fall Overcoats—\$7.50 up.

GIANT CLOTHING COMPANY.

Old Folks' Pains.

Old Folks' Pains.

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WHERE DO YOU STOP IN GRAND RAPIDS!

THE NEXT TIME TRY

THE NEW LIVINGSTON

At the head of Monroe street, at its intersection with Fulton and Division. Two blocks from the Union depot.

First class in all its appointments. Location—High, healthy and convenient.

Prices—Popular. Service—Table, bed, ventilation the best.

Forty new rooms recently added and elegantly furnished.

H. D. & F. H. IRISH, Proprietors.

Leonard's!

You would be surprised if we told you the number of those 25c Hungarian vases we have sold in the last two days. The people of Grand Rapids are not slow in recognizing a true bargain. Why, one lady said she had paid \$2 for vases that were not as pretty as some of these 25c ones; they make nice Christmas presents and as we have only a few left you had better hasten and select some or they will all be gone. You surely will want some card prizes this winter. You will find nothing better than a Hungarian 25c vase.

Ask to see the new Palm Jars on the second floor.

29 and 31 Monroe St.

FUEL COSTS MONEY!

COVER YOUR STEAM-PIPES

MAGNESIA, ASBESTOS, MINERAL WOOL or HAIR FELT

SECTIONAL COVERING

And save the cost in one season. Get our prices.

Asbestos Goods of all Kinds. Hair Felt, etc.

STUDLEY & BARCLAY,

4 Monroe Street.

Grand Rapids, Michigan.

STOP PAYING RENT!

I will sell New House for Only \$2,700

Ten Per Cent Cash. Balance, 1 per cent per month. Interest at 7 per cent semi-annually.

Large reception hall, parlor and sitting room, dining room, in hard wood. Kitchen, bath room and four bedrooms done in pine, natural wood. Walls and ceilings nicely decorated with diamond wall finish; electric bells, gas and water, furnace, stone foundation under all the house all the way down; cement floor, hard and soft water. Lot 6x12; half block from Reel's Lake Electric line. Ethel avenue, second house south of Wealthy avenue. (White house)

D. H. Armstrong, Builder. Telephone 1377.

ROBINSON DENTAL CO.

Every kind of Dental operation performed. FINE GOLD FILLING a specialty. ARTIFICIAL TEETH made in the best manner. VITALIZED AIR OR GAS used for extracting teeth when desired. GOLD CROWNS AND BRIDGE WORK. TAKE NOTICE—All work first class, as none but FIRST CLASS DENTISTS are allowed to operate on the mouths of patients. Call. ROBINSON DENTAL CO., 6 MONROE STREET.

A NEW FIRM.

C. M. Brown has withdrawn from the firm of Fogg & Brown and hereafter will conduct a general real estate business under the new firm name of C. M. Brown & Co., in room 413, Michigan Trust building, fourth floor, where he will be pleased to see all his old customers, and as many new ones as may wish anything in the real estate line. Mr. Brown has had several years experience in the real estate business, and those wishing to dispose of their property will do well to leave it with him; and those wishing to buy will always find him ready with his horse and carriage to show bargains in houses and lots, vacant lots, or farm property.

C. M. BROWN & CO., Room 413 Michigan Trust Building. Telephone 1144.

TO THE MECHANICS

OF

GRAND RAPIDS.

We Have a Few Words for You!

The winter is coming on and you will need some new clothes, and we are sure you are not especially desirous of throwing away money. Should you feel it worth your while to drop in and after examining the thousands of good, substantial Fall Suits we are offering at \$5.00, \$6.00, \$8.00 and \$10.00, should you become convinced that you save \$1.00 to \$3.00 on any of the above priced suits, perhaps you will conclude to invest. Failing to save you money, we expect you to buy of our more fortunate competitor. We desire to lay special mention on our \$15, \$18, \$20 and \$22 suits, many of them unequaled by any custom tailors in Grand Rapids. You certainly can buy no such styles or make in any other clothing store in town. We carry reliable clothing only, buy Hats and Furnishings from manufacturers direct, sell at one price and always undersell our neighbors.

Hudson's Tower Clothing Co.

'TORFOCM?'

The above is not a receipt of an

ANTIDOTE FOR HAY FEVER!

but simply the initial letters of

Sure Cures!

For cold rooms. Good, durable, effective Heating Stoves will do more toward keeping you well during the coming cold weather than all the medicines you could buy.

Read over the list of a few of the many cures we carry.

Buy and be convinced of the truth of our statements.

Cottage Jewels, handsome finish, perfect operation.

Oak Jewels, for wood or coal, sheet iron body.

Model Jewels, cheap and durable.

Fire Fly, or Franklin, you all know them.

Oak Jewels, with cast iron bodies.

Royal Jewels, finest of their class.

Twilight Jewels, for small rooms.

Comfort can be obtained easily and cheaply this winter if proper care is used in selecting a stove. Our long experience enables us to judge between the poor and the good, and so today our salesrooms are filled with the best stoves of the best makers.

FOSTER-STEVENS & CO.

MONROE ST.